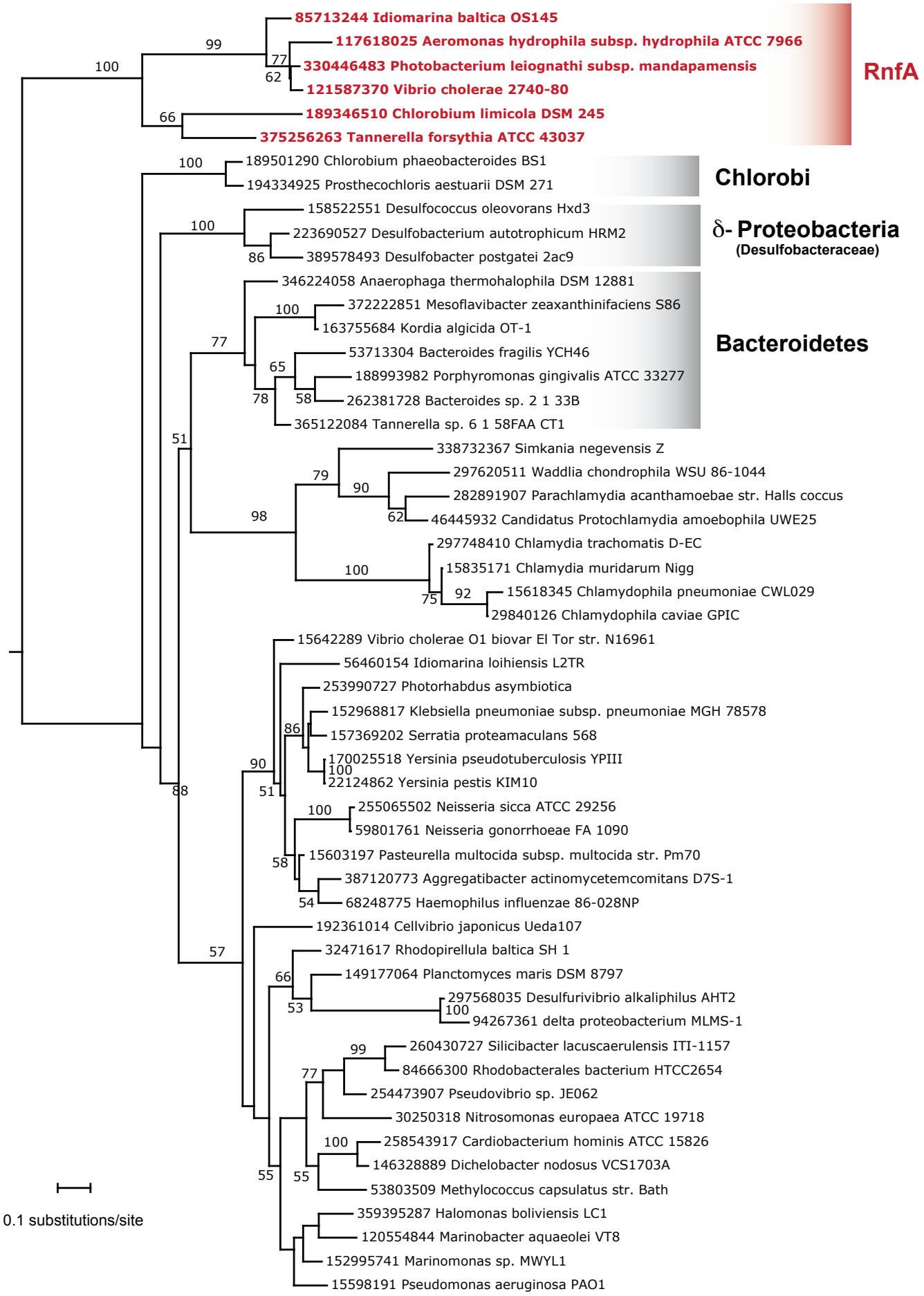
Figure S5


85713244 Idiomarina baltica OS145
117618025 Aeromonas hydrophila subsp. hydrophila ATCC 7966
330446483 Photobacterium leiognathi subsp. mandapamensis
121587370 Vibrio cholerae 2740-80
189346510 Chlorobium limicola DSM 245
375256263 Tannerella forsythia ATCC 43037
RnfA
189501290 Chlorobium phaeobacteroides BS1
194334925 Prosthecochloris aestuarii DSM 271
Chlorobi
158522551 Desulfococcus oleovorans Hxd3
223690527 Desulfobacterium autotrophicum HRM2
389578493 Desulfobacter postgatei 2ac9
δ- Proteobacteria
(Desulfobacteraceae)
346224058 Anaerophaga thermohalophila DSM 12881
372222851 Mesoflavibacter zeaxanthinifaciens S86
163755684 Kordia algicida OT-1
53713304 Bacteroides fragilis YCH46
188993982 Porphyromonas gingivalis ATCC 33277
262381728 Bacteroides sp. 2 1 33B
365122084 Tannerella sp. 6 1 58FAA CT1
Bacteroidetes
338732367 Simkania negevensis Z
297620511 Waddlia chondrophila WSU 86-1044
282891907 Parachlamydia acanthamoebae str. Halls coccus
46445932 Candidatus Protochlamydia amoebophila UWE25
297748410 Chlamydia trachomatis D-EC
15835171 Chlamydia muridarum Nigg
15618345 Chlamydophila pneumoniae CWL029
29840126 Chlamydophila caviae GPIC
15642289 Vibrio cholerae O1 biovar El Tor str. N16961
56460154 Idiomarina loihiensis L2TR
253990727 Photorhabdus asymbiotica
152968817 Klebsiella pneumoniae subsp. pneumoniae MGH 78578
157369202 Serratia proteamaculans 568
170025518 Yersinia pseudotuberculosis YPIII
22124862 Yersinia pestis KIM10
255065502 Neisseria sicca ATCC 29256
59801761 Neisseria gonorrhoeae FA 1090
15603197 Pasteurella multocida subsp. multocida str. Pm70
387120773 Aggregatibacter actinomycetemcomitans D7S-1
68248775 Haemophilus influenzae 86-028NP
192361014 Cellvibrio japonicus Ueda107
32471617 Rhodopirellula baltica SH 1
149177064 Planctomyces maris DSM 8797
297568035 Desulfurivibrio alkaliphilus AHT2
94267361 delta proteobacterium MLMS-1
260430727 Silicibacter lacuscaerulensis ITI-1157
84666300 Rhodobacterales bacterium HTCC2654
254473907 Pseudovibrio sp. JE062
30250318 Nitrosomonas europaea ATCC 19718
258543917 Cardiobacterium hominis ATCC 15826
146328889 Dichelobacter nodosus VCS1703A
53803509 Methylococcus capsulatus str. Bath
359395287 Halomonas boliviensis LC1
120554844 Marinobacter aquaeolei VT8
152995741 Marinomonas sp. MWYL1
15598191 Pseudomonas aeruginosa PAO1
0.1 substitutions/site